Amendments to the Specification:

Please replace the paragraph beginning on page 3, line 33 with the following paragraph:

One method of creating and updating a multi-dimensional look-up table is described in U.S. Patent ~~Application~~ No. ~~09/083,203~~ 6,157,469, incorporated herein by reference in its entirety. The incorporated ~~203 application~~ 469 patent discloses a method of reducing and controlling color drift between a desired image, and an output image printed by a marking device that is intended to match the desired image, by detecting a current output color in the output image with a color sensing device. A difference between the current output color in the output image and a corresponding color in the desired image is then determined. A next output color in the output image is then automatically set equal to a corrected color that minimizes the difference between the next output color and the corresponding color in the image. This is preferably done on a real-time basis.

Please replace the paragraph beginning on page 4, line 11 with the following paragraph:

Additionally, in U.S. Patent ~~Application~~ No. ~~09/083,202~~ 6,236, 474, incorporated herein by reference in its entirety, the error in an output color of a colored output image in a marking device intended to match a desired image is reduced. The method includes detecting a current output color in the output image with a color sensing device. A difference between the current output color and a corresponding target color under standard conditions is then determined. A marking device input-output relationship for a next output color is then automatically set based on the difference between the current output color and the corresponding target color under standard conditions to minimize the difference between the next output color and the corresponding target color.

Please replace the paragraph beginning on page 4, line 21 with the following paragraph:

Furthermore, in U.S. Patent ~~Application~~ No. ~~09/083,114~~ 6,052,195, incorporated herein by reference in its entirety, colorants are mixed to achieve a target color by combining individual colorants, detecting an output color of the combined colorants with a color sensing device and automatically adjusting the output color based on comparison between the detected output color and the target color.

Please replace the paragraph beginning on page 12, line 21 with the following paragraph:

The error vector E is then used by the controller 129, as described in the incorporated ~~202, 203 or 214~~ 469, 474 or 195 patents ~~applications~~, to automatically set a next output color, preferably on a real-time basis, in the output image equal to an updated color value that minimizes the difference between the next output color and the previously measured output color of the output image.

Please replace the paragraph beginning on page 14, line 21 with the following paragraph:

The structure of the controller 229 is similar to that described in the incorporated ~~203~~ 469 patent ~~application~~. Once the output of the color marking device 230 is controlled to match the target color spectra, the mapping required in the second memory 250 for other colors inside the gamut of the color marking device 230 is obtained using various other interpolation schemes depending on how the target, or critical, colors are selected. For example, if the sequential linear interpolation (SLI) based method of sequential linear interpolation is used, the mapping requires the use of SLI methods because the critical colors, as selected by the SLI method actually fall on a sequential plane and are non-uniformly spaced. However, when the critical colors are uniformly spaced, other exemplary embodiments use a tetrahedral or trilinear interpolation method to select the critical colors.

Please replace the paragraph beginning on page 16, line 11 with the following paragraph:

In step S135, the converted measured parameter vector β_M is compared to the converted reference parameter vector β_T obtained in step S110. Then, in step S140, a determination is made whether the difference between the converted measured parameter vector β_M and the converted reference parameter vector β_T has reached a predetermined value. If, in step S140, the difference has not reached the predetermined value, control advances to step S145. Otherwise control jumps to step ~~S155~~ S160.